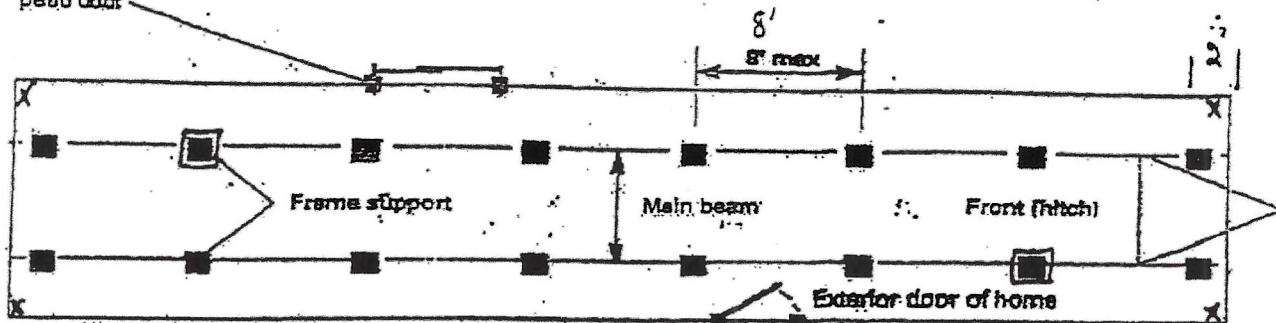


X - STRAP & ANCHOR TIE DOWNS OR STRAP & ANCHOR S  
ALT SYSTEM AT 2ND PIER

Required perimeter support  
(see note 2 below); existing  
patio door or addition of  
patio door



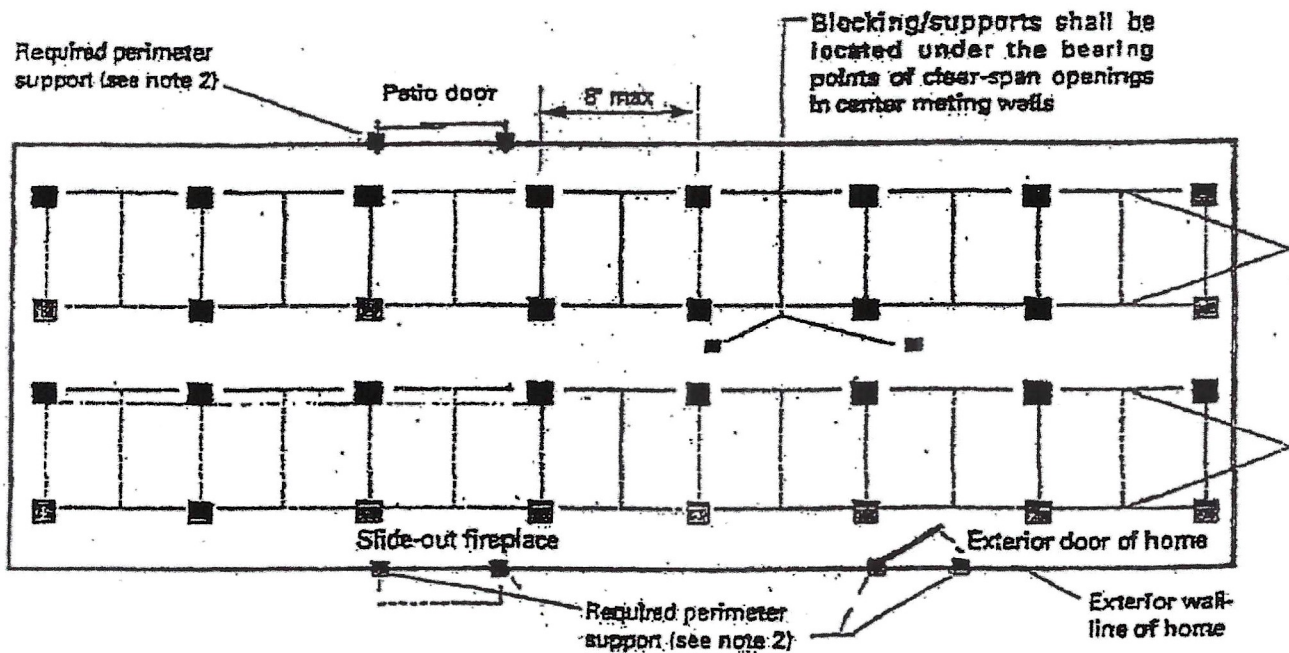
Required perimeter  
support (see note 2)

Exterior wall-  
line of home

Typical blocking diagram for single-section home when manufacturer's instructions are not available

1. Blocking shall be located at a maximum of 2 feet from both ends.
2. Place blocking on both sides of entry doors and at any other openings greater than 4 feet in width, such as patio or storm doors; under porch posts, fireplaces, and wood stoves; and under those places where heavy pieces of furniture such as pianos, organs, waterbeds, etc. may be placed.

Required perimeter  
support (see note 2)



Blocking/supports shall be  
located under the bearing  
points of clear-span openings  
in center meeting wells

Required perimeter  
support (see note 2)

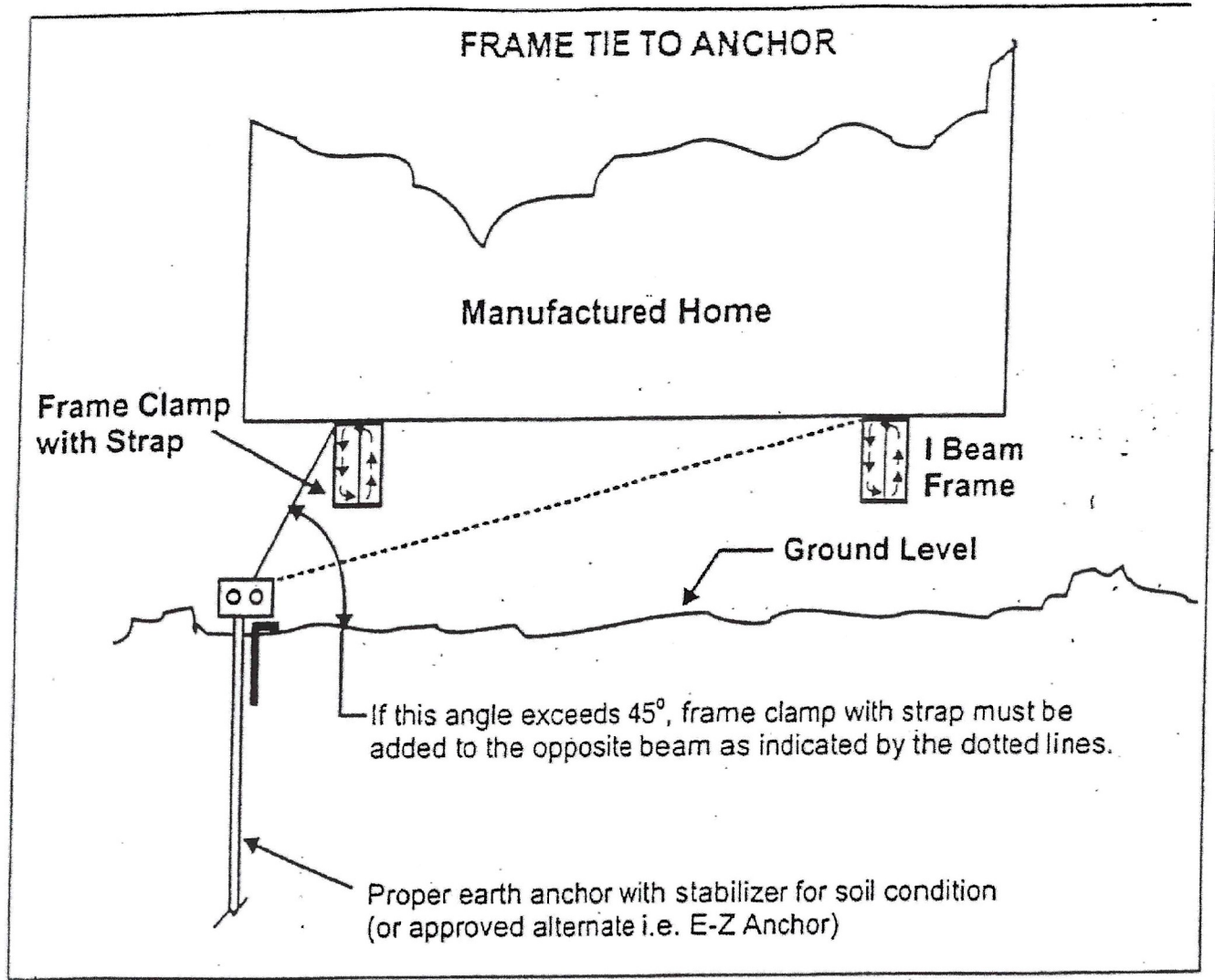
Exterior wall-  
line of home

Typical blocking diagram for multi-section home when manufacturer's installation instructions are not available

Blocking Diagrams

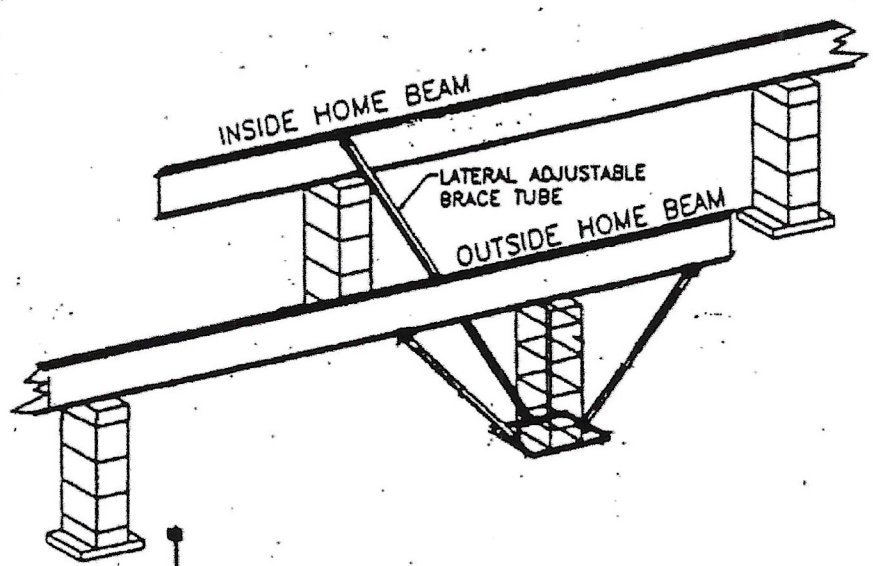
(Not to scale)

OHIO DEPARTMENT OF HEALTH	
Man. Home Park	
Standard	DWG. NO. 1

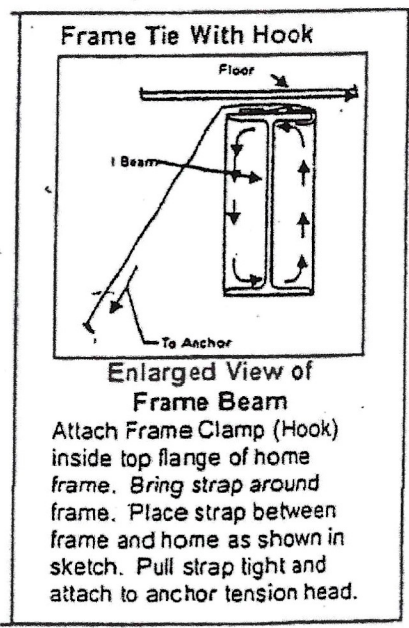


ALTERNATE SYSTEM

LONGITUDINAL & LATERAL BRACING SYSTEM



ANCHORS AS CALLED FOR IN WRITTEN INSTRUCTIONS



SHIM NOTE:  
 GAP AT TOP OF PIER MAY BE SHIMMED WITH HARDWOOD WEDGES AND WOOD PLATE (NOT EXCEEDING 2.5 IN. THICKNESS AND WEDGES (IN PAIRS) NOT EXCEEDING 1 IN. THICKNESS. WEDGES SHALL BE AT LEAST 4 IN. WIDE AND 6 IN. LONG. (SNUG FIT)

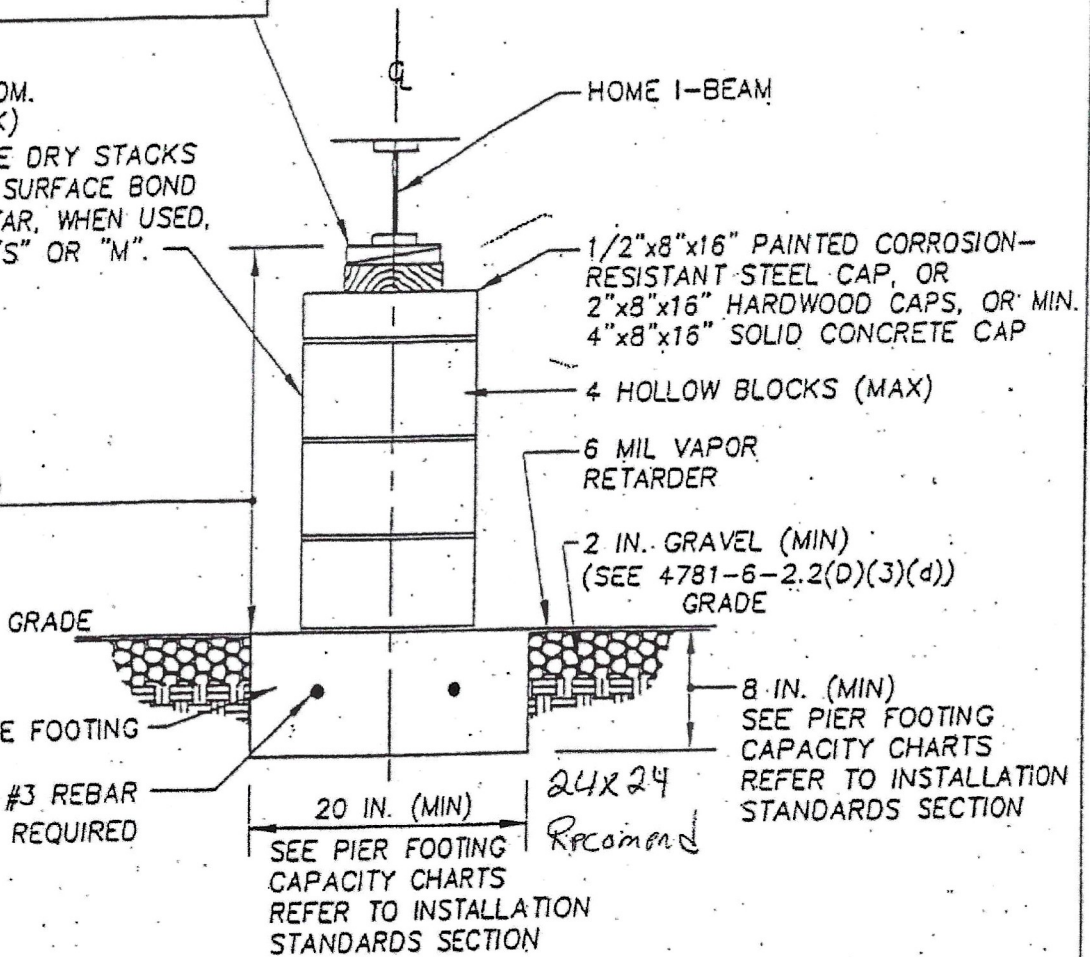
\*Note:

DOUBLE STACK ALL CORNER BLOCK PIERS IF OVER THREE (3) BLOCKS HIGH  
 IF OVER (4) BLOCK HIGH DOUBLE STACK ALL PIERS.

8 IN. x 16 IN. NOM.  
 (7 1/2 IN. BLOCK)

BLOCKS SHALL BE DRY STACKS WITH OR WITHOUT SURFACE BOND OR MORTAR. MORTAR, WHEN USED, SHALL BE TYPE "S" OR "M".

18 IN. MIN CLEARANCE  
 (SEE 4781-6-2.3(E))



TYP. @ I-BEAM LOCATIONS

TITLE:

PARK-I-BEAM PIER OPTION 2 SIDE VIEW

\*Note:

DOUBLE STACK ALL CORNER BLOCK PIERS.  
IF OVER THREE (3) BLOCKS HIGH

SHIM NOTE:

GAP AT TOP OF PIER MAY BE SHIMMED WITH  
HARDWOOD WEDGES AND WOOD PLATE (NOT  
EXCEEDING 2.5 IN. THICKNESS) AND WEDGES (IN  
PAIRS) NOT EXCEEDING 1 IN. THICKNESS.  
WEDGES SHALL BE AT LEAST 4 IN. WIDE AND 6  
IN. LONG. (SNUG FIT). WEDGES TO BE INSTALLED  
PERPENDICULAR TO  $\phi$  OF BEAM.

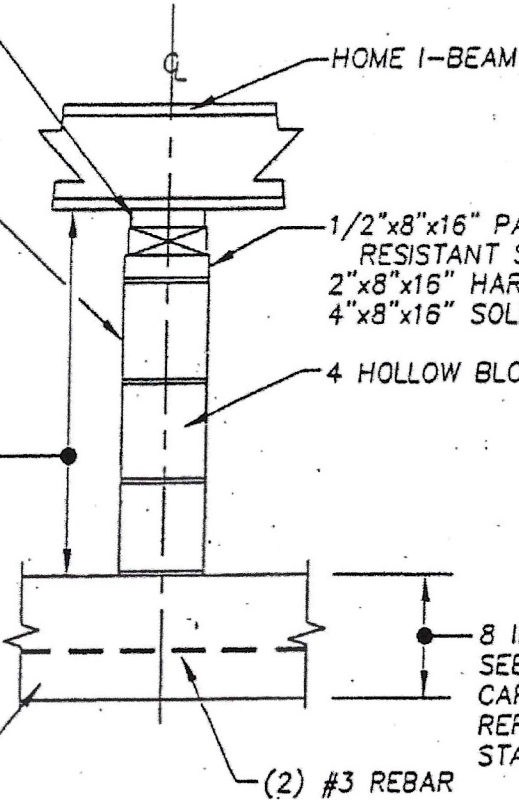
NOTE:

DOUBLE STACK BLOCK PIERS  
IF OVER (4) BLOCKS HIGH

8 IN. x 16 IN. NOM.  
(7 1/2 IN. BLOCK)

BLOCKS SHALL BE DRY STACKS  
WITH OR WITHOUT SURFACE BOND  
OR MORTAR. MORTAR, WHEN USED,  
SHALL BE TYPE "S" OR "M".

18 IN. MIN  
CLEARANCE  
(SEE 4781-6-2.3(E))



TYP. @ I-BEAM LOCATIONS

\*Note:

DOUBLE STACK ALL CORNER BLOCK PIERS. IF OVER THREE (3) BLOCKS HIGH  
 IF OVER (4) BLOCK HIGH DOUBLE STACK ALL PIERS.

SHIM NOTE:  
 GAP AT TOP OF PIER MAY BE SHIMMED WITH HARDWOOD PLATE (NOT EXCEEDING 2.5 IN. THICKNESS AND WEDGES (IN PAIRS) NOT EXCEEDING 1 IN. THICKNESS. WEDGES SHALL BE AT LEAST 4 IN. WIDE AND 6 IN. LONG. (SNUG FIT)

16 IN. x 16 IN. PIER  
 (OVER 4 BLOCK HIGH) \*  
 (7 1/2 IN. BLOCK)

BLOCKS SHALL BE DRY STACKS WITH OR WITHOUT SURFACE BOND OR MORTAR. MORTAR, WHEN USED, SHALL BE TYPE "S" OR "M".

1/2"x8"x16" PAINTED CORROSION-RESISTANT STL CAP, OR  
 2"x8"x16" HARDWOOD CAPS, OR  
 4"x8"x16" MIN. SOLID CONCRETE CAP

6 MIL VAPOR RETARDER  
 2 IN. GRAVEL (MIN)  
 (SEE 4781-6-02.2(D)(3)(d))

\* SINGLE SET BLOCK ALLOWABLE FOR 4 BLOCK HIGH MAXIMUM

8 IN. (MIN)  
 SEE PIER FOOTING CAPACITY CHARTS REFER TO INSTALLATION STANDARDS SECTION

24 IN. (MIN)  
 SEE PIER FOOTING CAPACITY CHARTS REFER TO INSTALLATION STANDARDS SECTION

POURED CONCRETE FOOTING

#3 REBAR @ 12" O.C. EACHWAY - ISOLATED PIER (RECOMMENDED)

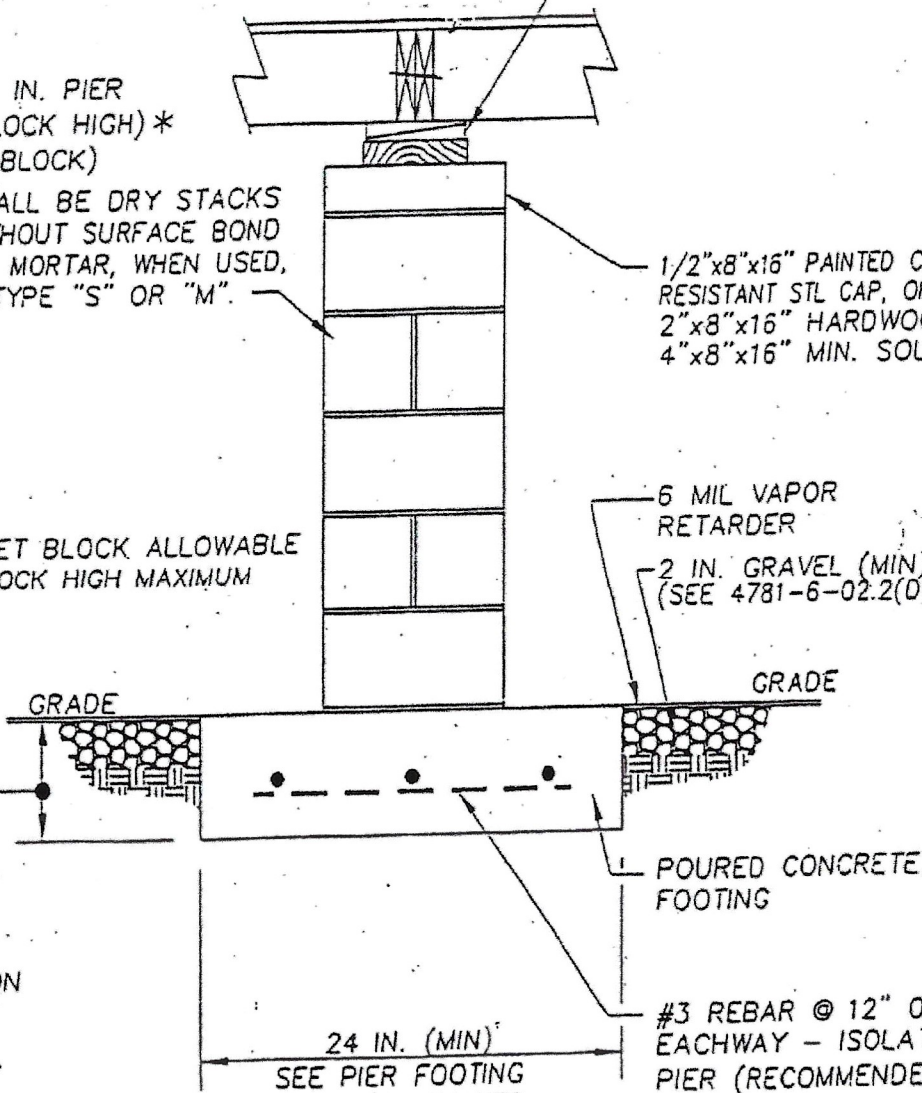


TABLE I  
POLE DIMENSIONS AND SETTING DEPTH

LENGTH OF POLE (FEET)	MINIMUM SETTING DEPTH (FEET)	MINIMUM POLE CIRCUMFERENCE (INCHES)	MINIMUM POLE DIAMETER (INCHES)
		AT TOP 15"	AT TOP 4 3/4"
		AT GROUND LINE	AT GROUND LINE
18'	4'-0"	17 1/2"	5 1/2"
20'	4'-6"	18 1/2"	6"
22'	4'-6"	19 1/2"	6 1/4"
25'	5'-0"	20"	6 1/2"

**GENERAL CONDITION NOTES:**

THE COMPANY WILL BE RESPONSIBLE FOR:

- (a) SPECIFYING THE SERVICE POLE LOCATION, AND SERVICE DROP ATTACHMENT HEIGHT. NOTE: (NEC) RECOMMENDS THAT THE SERVICE EQUIPMENT BE "IN SIGHT FROM" AND WITHIN 30' OF THE MOBILE HOME.
- (b) PROVIDING AND INSTALLING THE OVERHEAD SERVICE DROP.
- (c) PROVIDING THE METER BASE TO CUSTOMER WHERE REQUIRED.
- (d) INSTALLING AND REMOVING THE METER.

THE CUSTOMER WILL BE RESPONSIBLE FOR:

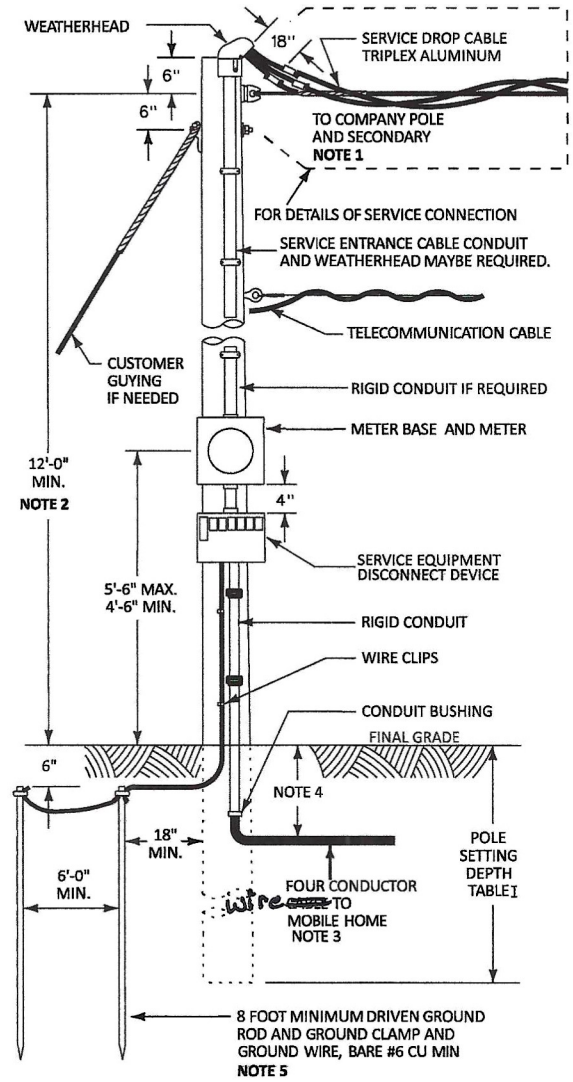
- (a) PROVIDING AN ADEQUATE GROUND TO THE FRAME OF THE SERVICE EQUIPMENT DISCONNECT DEVICE. GROUND IN ACCORDANCE WITH NEC ARTICLE 250 AND LOCAL CODES. GROUNDING IS TYPICALLY PROVIDED BY 8'-0" DRIVEN GROUND ROD(S) OR BY A METALLIC WATER PIPE BONDED TO 8'-0" DRIVEN GROUND ROD(S). IF A METALLIC WATER PIPING SYSTEM IS PRESENT, IT MUST BE BONDED TO THE 8'-0" DRIVEN GROUND ROD(S).
- (b) PROVIDING AND SECURELY INSTALLING THE SERVICE ENTRANCE CABLE, RIGID CONDUIT AND WEATHER HEAD AS REQUIRED BY LOCAL CODES. NON-METALLIC CONDUIT PERMITTED IF INSTALLED IN ACCORDANCE WITH NEC AND APPROVED BY LOCAL INSPECTION AUTHORITY. SERVICE ENTRANCE CONDUCTORS SHALL PROJECT FROM WEATHERHEAD A MINIMUM OF 18 INCHES. ONLY POWER SERVICE CONDUCTORS ARE ALLOWED TO CONTACT THE SERVICE MAST, NEC (230-28).
- (c) PROVIDING AND INSTALLING SERVICE EQUIPMENT DISCONNECT DEVICE. TYPICAL CONFIGURATIONS SHOWN (OTHER CONFIGURATIONS AVAILABLE). THE DISCONNECT DEVICE IS TO HAVE OVERCURRENT PROTECTION AND TO BE IN A WEATHERPROOF ENCLOSURE. CUSTOMER TO SELECT U.L. LISTED EQUIPMENT BEST SUITED TO THEIR NEEDS.
- (d) SECURELY MOUNT THE METER BASE IN A PLUMB POSITION. METER MUST FACE STREET OR ACCESS WALKWAY.
- (e) PROVIDING AND SECURELY INSTALLING THE SERVICE POLE AND GUYING (IF NEEDED). SERVICE POLE IS TO BE TREATED WITH AN EPA REGISTERED PRESERVATIVE. POLE SETTING DEPTH TO BE IN ACCORDANCE WITH TABLE I.

**GENERAL CONSTRUCTION NOTES:**

1. THIS INSTALLATION IS FOR A SINGLE MOBILE HOME ONLY, FOR MOBILE HOMES IN PARKS, REFER TO FIGURE 9.
2. THE SERVICE ATTACHMENT SHALL BE INSTALLED AT A HEIGHT THAT MAINTAINS PROPER CLEARANCES FOR SERVICE DROP CONDUCTORS, REFER TO FIGURE 5.
3. A GROUNDING AS WELL AS A GROUNDED CONDUCTOR MUST EXTEND BETWEEN THE MOBILE HOME AND ITS ADJACENT SERVICE EQUIPMENT. NEITHER THE FRAME OF THE MOBILE HOME NOR THE FRAME OF ANY DISTRIBUTION PANEL OR APPLIANCE MAY BE CONNECTED TO THE NEUTRAL (GROUNDED) CONDUCTOR IN THE MOBILE HOME. THE GROUNDING AND GROUNDED CONDUCTOR ARE BONDED TOGETHER ONLY ON THE SUPPLY SIDE OF THE SERVICE DISCONNECT DEVICE. REFER TO ARTICLE 550 OF NEC GROUNDING.

SEE GENERAL CONDITION NOTES FOR POWER COMPANY AND CUSTOMER RESPONSIBILITIES

SINGLE MOBILE HOME OVERHEAD SERVICE  
FIGURE 4



**GENERAL CONSTRUCTION NOTE CONTINUED:**

4. BURIAL DEPTH IS THE DISTANCE BETWEEN FINAL GRADE AND THE TOP OF THE BURIED CABLE OR CONDUIT. THE POWER COMPANY (AEP) SHALL SPECIFY THE REQUIRED BURIAL DEPTH PER OPERATING COMPANY AS PRESCRIBED IN THE PRECEDING LIST:
 

APCO	= REQUIRES A BURIAL DEPTH OF 30"
KYPCO	= REQUIRES A BURIAL DEPTH OF 30"
I&M	= REQUIRES A BURIAL DEPTH OF 30"
OHIO	= REQUIRES A BURIAL DEPTH OF 30"
TEXAS	= REQUIRES A BURIAL DEPTH OF 36"
PSO	= REQUIRES A BURIAL DEPTH OF 36"
SWPECO	= REQUIRES A BURIAL DEPTH OF 36"

AND/OR CONFORM TO ANY OR ALL AUTHORITY HAVING JURISDICTION. THE POWER COMPANY (AEP) HAS PRESCRIBED THE BURIAL DEPTH SHALL NOT BE LESS THAN STATED DEPTH ON THE PRECEDING LIST UNLESS IMPOSSIBLE TO BE ACHIEVED OR IS SUPERSEDED BY LOCAL AUTHORITY HAVING JURISDICTION. IF THE DEPTH IS IMPOSSIBLE TO ACHIEVED AEP'S VERIFICATION WILL BE NEEDED. HOWEVER, NOT TO BE LESS THAN WHAT IS STATED IN THE NATIONAL ELECTRICAL CODE'S ARTICLES AND TABLES: ARTICLE 300: 300.3(B) (1), 300.3 (C) (1) (2), TABLE 300.5, AND TABLE 300.50

5. CUSTOMER GROUNDING SHALL BE IN ACCORDANCE WITH NATIONAL ELECTRICAL CODE. IN ARKANSAS, OKLAHOMA, LOUISIANA AND TEXAS, THE GROUND WIRE SHALL BE CONNECTED IN THE METER SOCKET. THE CUSTOMER SHALL HAVE A MINIMUM OF 2 DRIVEN GROUND RODS AT LEAST 6 FEET APART.

**SECTION 5**  
**OVERHEAD SERVICE REQUIREMENTS**

**5.01 SERVICE FROM OVERHEAD LINES**

The Company will furnish and install the service drop conductors extending from the Company's service pole to a point of attachment on the structure. The Company reserves the right in all cases to specify this point of attachment. In general, it will be at a point of the structure nearest the distribution pole from which the structure is to be served.

The service drop conductors shall be attached to the structure or building at a height required to maintain minimum clearance of the service drop wires over sidewalks, above alleys, driveways (including residential) and public roads. When it is necessary, the Customer or the Customer's contractor shall furnish and install a properly secured and anchored mast to obtain the required clearances, as shown in Figure 5. All clearances shall conform to the requirements of the latest issue of the NESC or other local regulations whichever is applicable.

Where the point of attachment is located on buildings constructed of wood, tile, stucco, concrete, asbestos shingles, plastered metal lath, brick veneer, or sheet iron, the customer or the Customer's contractor shall install the necessary facilities for mounting and securing the service drop attachments which should withstand the maximum tension of the service drop cable. For proper tension, which depends on the size and number of service conductors, the Company should be consulted.

Figures 5 and 6 shows the Company's specifications for overhead service attachments on buildings.

**5.02 MOBILE HOME OVERHEAD SERVICE**

Figure 4 shows the details of the Company's requirements for an overhead service to a mobile home. When this type of service is requested, the Company will approve the service equipment installation to ensure that it meets the Company's construction requirement.

A mobile home service requires a four-wire conductor <sup>Wire</sup>~~cable~~ that has a grounded circuit conductor (neutral), as well as a grounding conductor (ground) installed between the mobile home and its adjacent service equipment. The grounded circuit conductor (neutral) shall be insulated from the grounding conductor and from equipment enclosures and other grounded parts. Neither the frame of the mobile home nor the frame of any distribution panel or an appliance may be connected to the grounded neutral conductor in the mobile home as per the requirements of the latest revision of the NEC. The grounding conductor and the grounded neutral conductor are bonded together only at the service disconnecting means.